

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011623AR\
 Data File : FD044813.D
 Signal(s) : FID2B.ch
 Acq On : 16 Jan 2023 19:54
 Operator : YP/AJ
 Sample : 01144-01
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 17 01:28:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122422.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 17:15:10 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.674	27738593	192.357 ug/ml
Spiked Amount 50.000		Recovery =	384.71%
6) S 2-Fluorobiphenyl (SURR)	8.518	12020911	123.836 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	247.67%#
11) S ortho-Terphenyl (SURR)	11.532	9506241	52.763 ug/ml
Spiked Amount 50.000		Recovery =	105.53%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.482	2152683	13.379 ug/ml
2) T Naphthalene (C11.7)	6.013	6608920	39.376 ug/ml
3) T 2-Methylnaphthalene (...)	7.084	71717761	426.539 ug/ml
5) T Acenaphthylene (C15.06)	8.333	46938314	309.469 ug/ml
7) T Acenaphthene (C15.5)	8.626	11198565	69.080 ug/ml
8) T Flouorene (C16.55)	9.375	14317514	89.834 ug/ml
9) T Phenanthrene (C19.36)	10.770	22359266	142.476 ug/ml
10) T Anthracene (C19.43)	10.879	20552861	163.442 ug/ml
12) T Fluoranthene (C21.85)	12.601	23753861	151.265 ug/ml
13) T Pyrene (C20.8)	12.891	14022091	91.598 ug/ml
14) T Benzo[a]anthracene (C...	14.737	957146	6.732 ug/ml
15) T Chrysene (C27.41)	14.774	1020232	6.728 ug/ml
16) T benzo[b]fluoranthene ...	16.269	174840	1.163 ug/ml
17) T Bnezo[k]fluoranthene ...	16.299	157592	1.040 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.644	219911	1.516 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.000	887867	6.278 ug/ml
20) T Dibenz[a,h]anthracene...	18.042	920385	6.279 ug/ml
21) T Benzo[g,h,i]perylene ...	18.251	963094	6.780 ug/ml

(f)=RT Delta > 1/2 Window

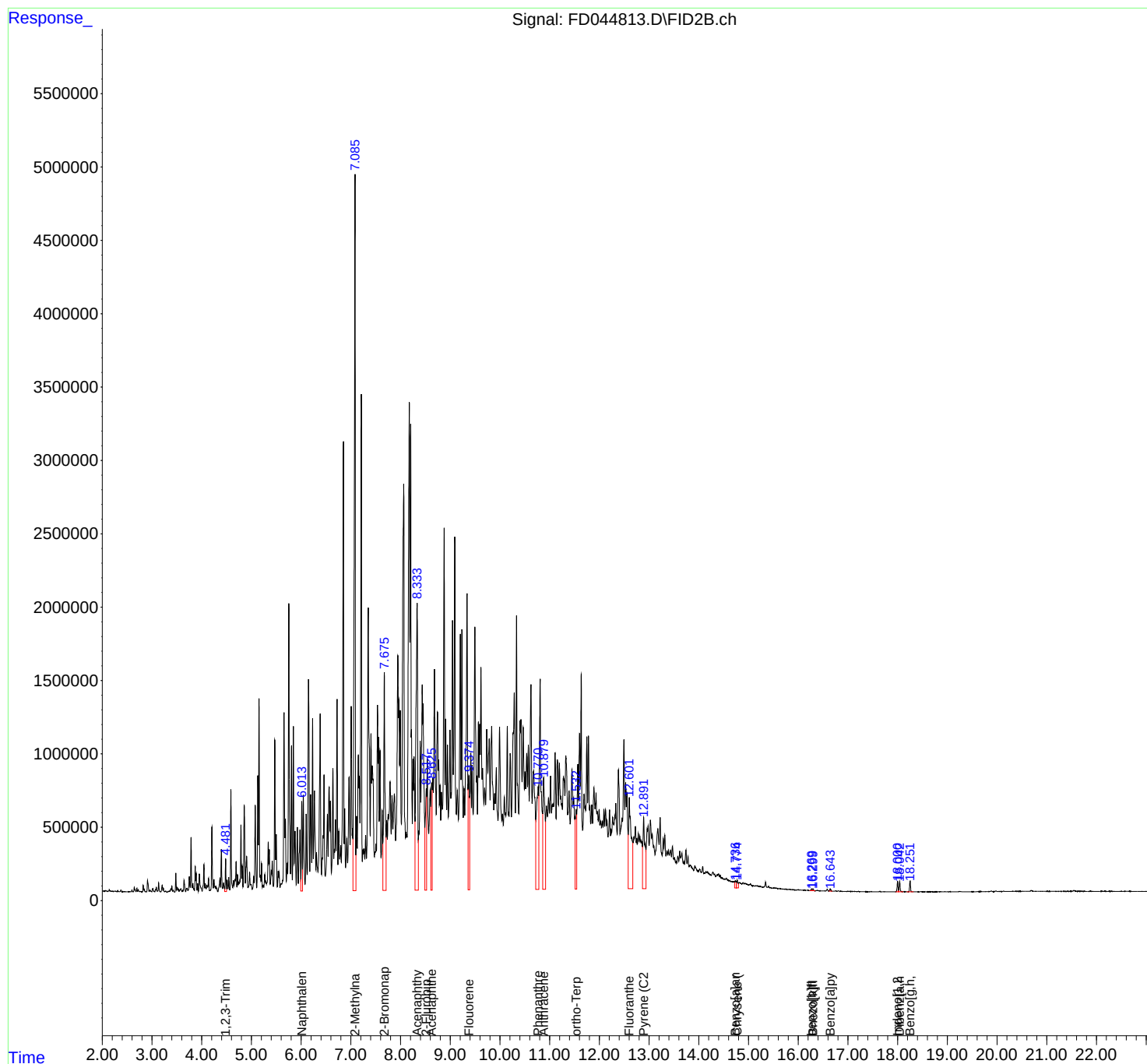
(m)=manual int.

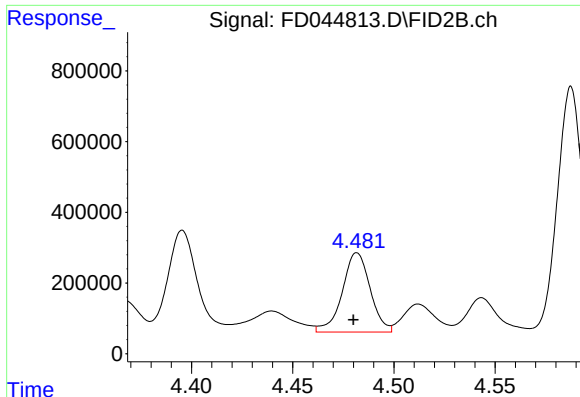
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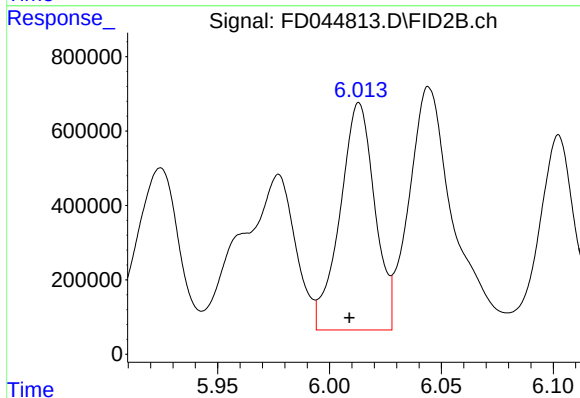




#1 1,2,3-Trimethylbenzene (C10.1)

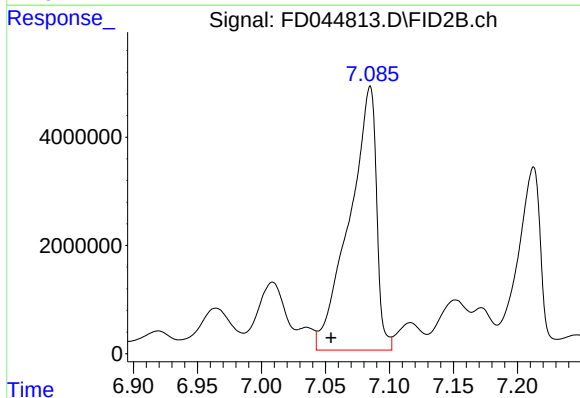
R.T.: 4.482 min
Delta R.T.: 0.002 min
Response: 2152683
Conc: 13.38 ug/ml

Instrument :
FID_D
ClientSampleId :



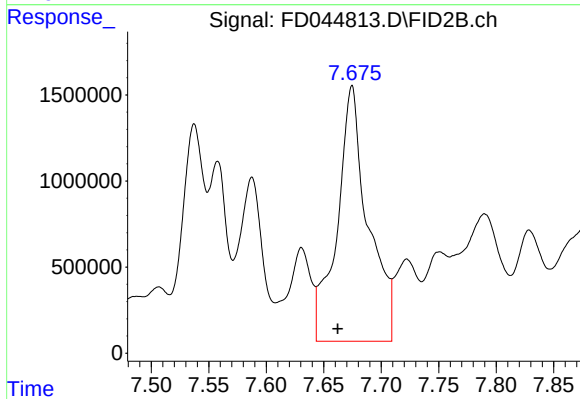
#2 Naphthalene (C11.7)

R.T.: 6.013 min
Delta R.T.: 0.004 min
Response: 6608920
Conc: 39.38 ug/ml



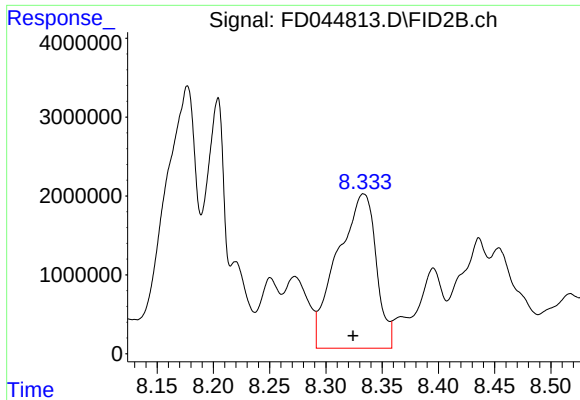
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.084 min
Delta R.T.: 0.030 min
Response: 71717761
Conc: 426.54 ug/ml



#4 2-Bromonaphthalene (SURR)

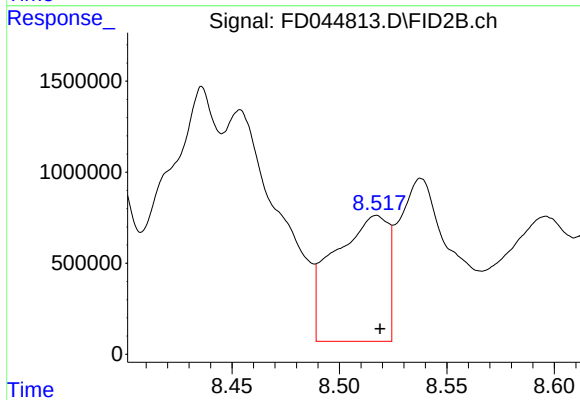
R.T.: 7.674 min
Delta R.T.: 0.012 min
Response: 27738593
Conc: 192.36 ug/ml



#5 Acenaphthylene (C15.06)

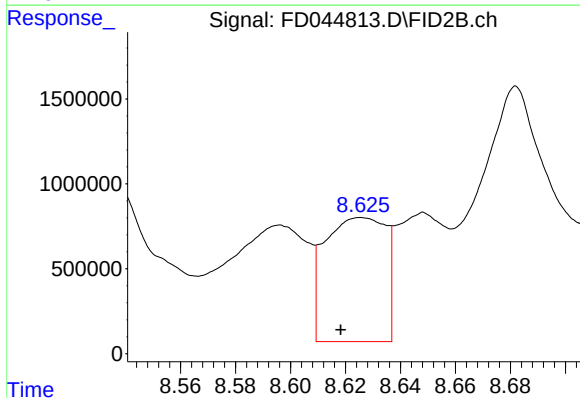
R.T.: 8.333 min
Delta R.T.: 0.009 min
Response: 46938314
Conc: 309.47 ug/ml

Instrument :
FID_D
ClientSampleId :



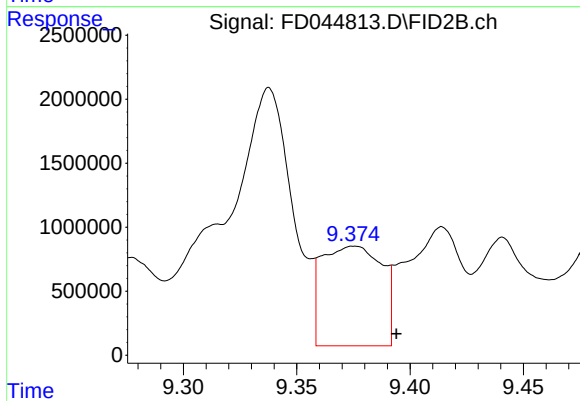
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.518 min
Delta R.T.: -0.001 min
Response: 12020911
Conc: 123.84 ug/ml



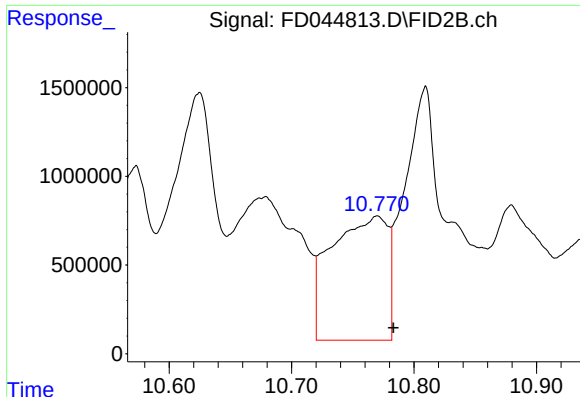
#7 Acenaphthene (C15.5)

R.T.: 8.626 min
Delta R.T.: 0.008 min
Response: 11198565
Conc: 69.08 ug/ml



#8 Flouorene (C16.55)

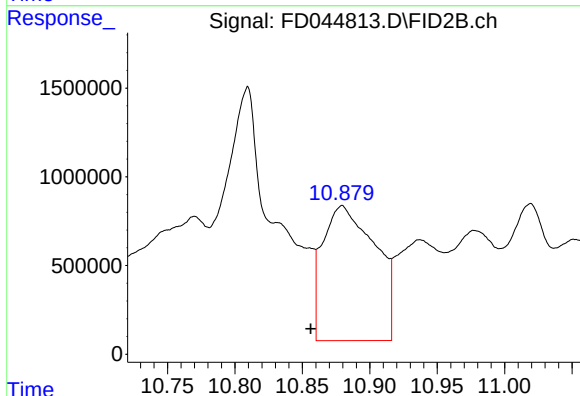
R.T.: 9.375 min
Delta R.T.: -0.019 min
Response: 14317514
Conc: 89.83 ug/ml



#9 Phenanthrene (C19.36)

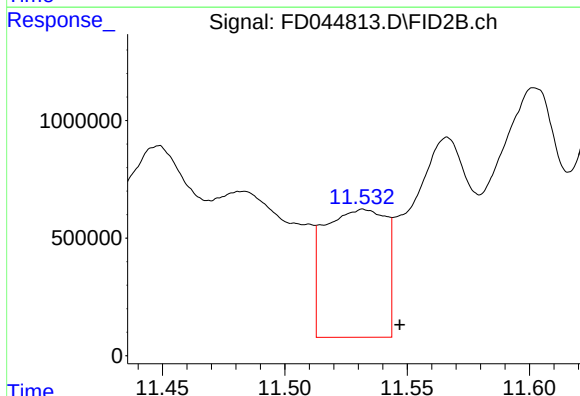
R.T.: 10.770 min
Delta R.T.: -0.013 min
Response: 22359266
Conc: 142.48 ug/ml

Instrument :
FID_D
ClientSampleId :



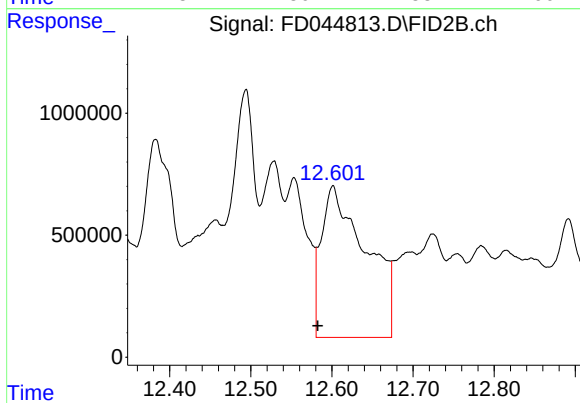
#10 Anthracene (C19.43)

R.T.: 10.879 min
Delta R.T.: 0.023 min
Response: 20552861
Conc: 163.44 ug/ml



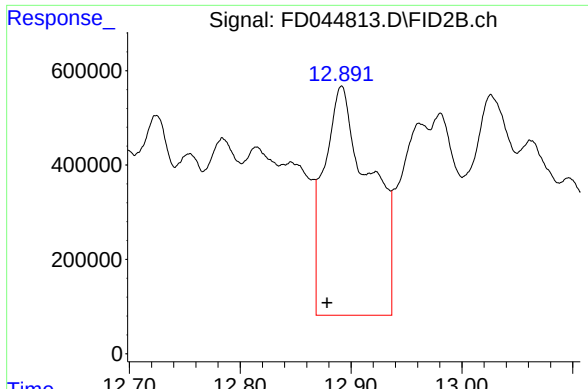
#11 ortho-Terphenyl (SURR)

R.T.: 11.532 min
Delta R.T.: -0.015 min
Response: 9506241
Conc: 52.76 ug/ml



#12 Fluoranthene (C21.85)

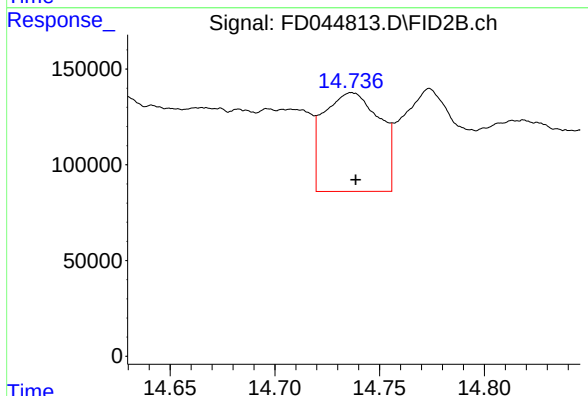
R.T.: 12.601 min
Delta R.T.: 0.019 min
Response: 23753861
Conc: 151.26 ug/ml



#13 Pyrene (C20.8)

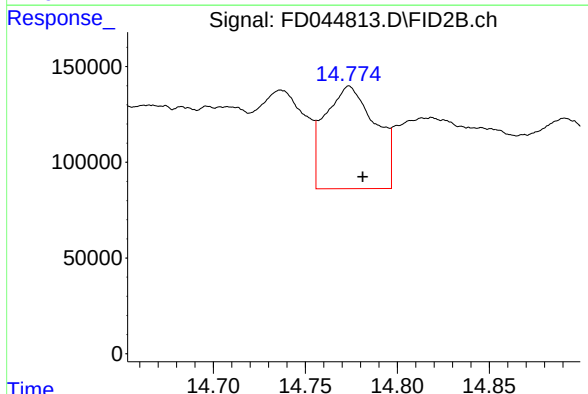
R.T.: 12.891 min
Delta R.T.: 0.013 min
Response: 14022091
Conc: 91.60 ug/ml

Instrument :
FID_D
ClientSampleId :



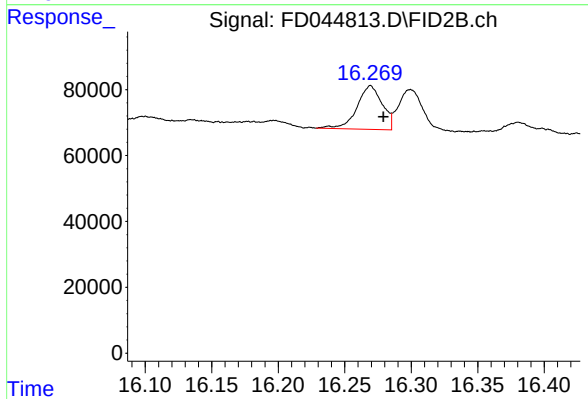
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.737 min
Delta R.T.: -0.002 min
Response: 957146
Conc: 6.73 ug/ml



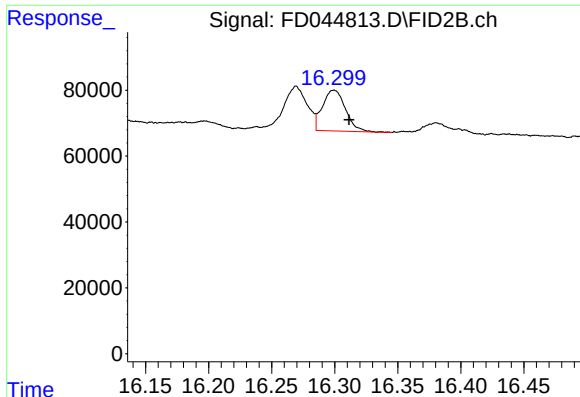
#15 Chrysene (C27.41)

R.T.: 14.774 min
Delta R.T.: -0.007 min
Response: 1020232
Conc: 6.73 ug/ml



#16 benzo[b]fluoranthene (C30.41)

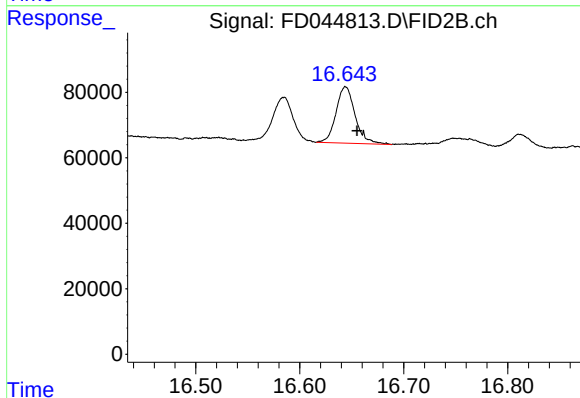
R.T.: 16.269 min
Delta R.T.: -0.010 min
Response: 174840
Conc: 1.16 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

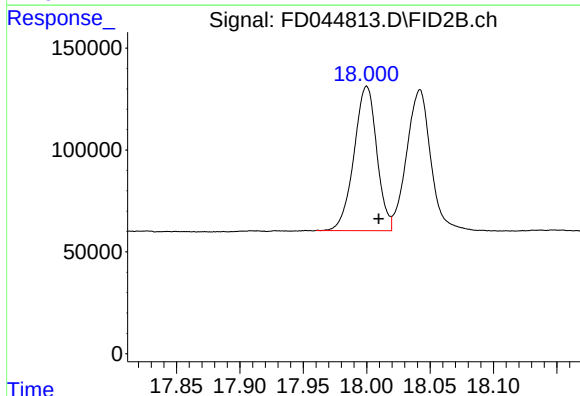
R.T.: 16.299 min
Delta R.T.: -0.012 min
Response: 157592
Conc: 1.04 ug/ml

Instrument :
FID_D
ClientSampleId :



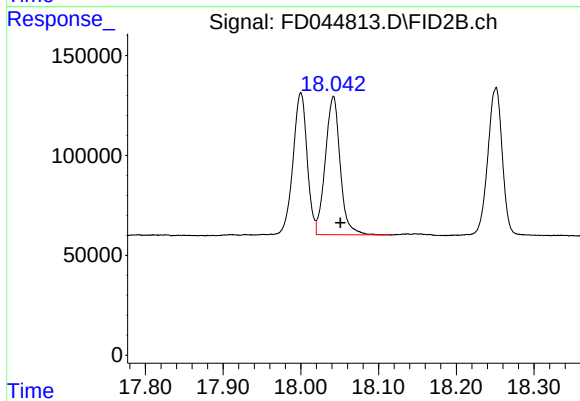
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.644 min
Delta R.T.: -0.011 min
Response: 219911
Conc: 1.52 ug/ml



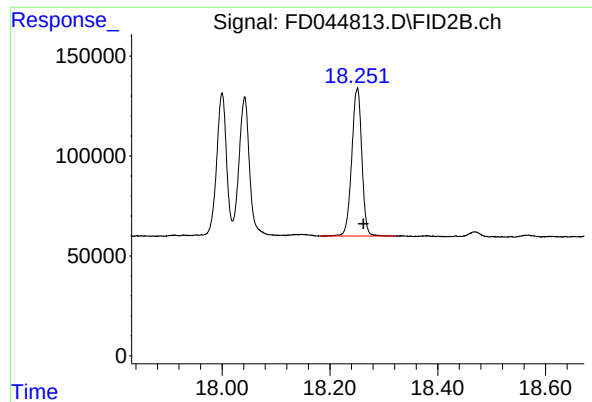
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.000 min
Delta R.T.: -0.010 min
Response: 887867
Conc: 6.28 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.042 min
Delta R.T.: -0.009 min
Response: 920385
Conc: 6.28 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.251 min
Delta R.T.: -0.011 min
Response: 963094
Conc: 6.78 ug/ml

Instrument :

FID_D

ClientSampleId :